DESCRIPTION

The Streetworks Talon is the most versatile, functionally designed, universally adaptable outdoor luminaire available. The Talon brings outstanding performance to walkways, parking lots, roadways, building areas, and any security lighting application. U.L. listed and CSA certified for wet locations. IP65 Rated.

STREETWORKS™

Catalog #	Туре
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

One-piece heavy-wall, die-cast aluminum construction with integral reveal channels along top surface of housing. Internal cast-in wall separates optical and electrical chambers allowing components to operate cooler. One-piece die-cast aluminum door frame with integral cast-in gasket channel seals optical chamber to an IP65 rating. Stainless steel latches and hinges allow for toolless opening and removal of door frame.

Reflector

DIMENSIONS

Choice of 14 high efficiency optical systems utilizing horizontal and vertical lamp orientations. Optional high efficiency segmented optical systems constructed of premium 95% reflective anodized aluminum sheet. Optical segments are rigidly mounted inside a thick gauge aluminum housing for superior protection. All segment faces are clean of rivet heads, tabs or other means of attachment which may cause streaking in the light distribution.

Standard with mogul-base socket for HPS and 100-400W MH. Standard with medium-base socket for 70W MH and below. All optical modules feature quick disconnect wiring plugs and are field rotatable in 90° increments.

Electrical

Offered standard with ballast and related electrical componentry hard mounted to die-cast housing details for optimal heat transfer and operating efficiency. Optional galvanized steel swing-down power tray with integral handle. Electrical disconnects allow tray to be completely removed from the housing providing ample hand and tool room for attachment of fixture during installation.

I AMP TYPE

Metal Halide

Pulse Start Metal Halide

Super Metal Halide

High Pressure Sodium

Mounting

Extruded 8" aluminum arm includes internal bolt guides allowing for easy positioning of fixture during installation to pole or wall surface. Standard single carton packaging of housing, square pole arm and round pole adapter for contractor friendly arrival of product on site.

Finish

WATTAGE

175, 250, 400W

175, 250, 400W

DARK SKY

70, 100, 150, 250, 400W

Housing and arm finished in a 5 stage premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic.

70, 100, 150, 175, 200, 250, 320, 350, 400W



TMU TALON MEDIUM

70-400W

High Pressure Sodium Pulse Start Metal Halide Super Metal Halide Metal Halide

AREA LUMINAIRE

ENERGY DATA

Hi-Reactance Ballast Input Watts 70W HPS HPF (95 Watts) 100W HPS HPF (130 Watts) 150W HPS HPF (190 Watts) 150W MH HPF (185 Watts)

CWI Ballast Input Watts 250W HPS HPF (300 Watts)

CWA Ballast Input Watts 175W MH HPF (210 Watts) 200W MP HPF (240 Watts) 250W MH HPF (295 Watts) 320W MP HPF (365 Watts) 400W MP HPF (448 Watts) 400W MH HPF (455 Watts) 400W HPS HPF (465 Watts)

FPA

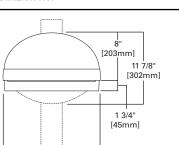
Effective Projected Area: (Sq. Ft.) Recessed Door w/o Arm: 0.79 Deep Door w/o Arm: 1.02 8" Arm: 0.43

SHIPPING DATA Approximate Net Weight: Recessed Door 47 lbs. (21.79 kgs.) Deep Door 52 lbs. (23.63 kgs.)



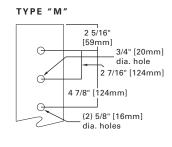


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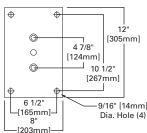


16 1/4" [412mm]·

DRILLING PATTERNS



WALL MOUNT



23 1/4" [590mm]



Specifications and Dimensions subject to change without notice. ntative for additional optio

[203mm]

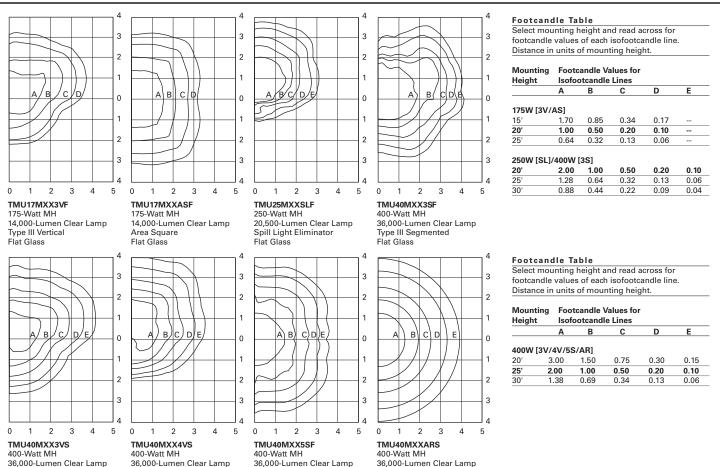
SAMPLE NUMBER: TMU40SWW3SF

SAMPLE NOMBER. 1004030				
TMU				
Product Family ¹ TMU=Talon Site Medium	Voltage 2=120V 0=208V	Lens Type F=Flat Glass S=Sag Glass	Options (add as suffix/must be ordered in alphanumeric order) 1=Single Fuse	Accessories (order separately/replace XX with color designation) OA/RA1016=NEMA Photocontrol (105-285V) OA/RA1027=NEMA Photocontrol (480V)
Lamp Wattage ² 70=70W 10=100W 15=150W 17=175W 20=200W 25=250W 32=320W ^{3,4} 35=350W ^{3,4} 40=400W ⁴ 24=250/400W wired 250W 42=250/400W wired 400W	4=240V 7=277V 8=480V 9=347V N=Multi-Tap wired 277V W=Multi-Tap wired 120V V=Multi-Tap wired 240V Distribution Horizontal Lamp 2F=Type II Formed 2S=Type II Segmented	Colors (add as suffix/ must specify) WH=White BK=Black AP=Grey BZ=Bronze DP=Dark Platinum GM=Graphite Metallic	[120, 277 or 347V] ⁶ 2=Double Fuse [208, 240 or 480V] ⁶ 3=Three Place Terminal Block	OA/RA1201=NEMA Photocontrol (347V) OA/RA1013=Shorting Cap MA1010-XX=Single Teono Adapter for 3 1/2" O.D. Tenor MA1011-XX=2 @ 180° Tenon Adapter for 3 1/2" O.D. Ten MA1012-XX=3 @ 120° Tenon Adapter for 3 1/2" O.D. Ten MA1013-XX=4 @ 90° Tenon Adapter for 3 1/2" O.D. Ten MA1015-XX=2 @ 90° Tenon Adapter for 3 1/2" O.D. Ten MA1015-XX=2 @ 120° Tenon Adapter for 3 1/2" O.D. Ten MA1015-XX=3 @ 90° Tenon Adapter for 3 1/2" O.D. Ten MA1015-XX=3 @ 90° Tenon Adapter for 3 1/2" O.D. Ten MA1018-XX=3 @ 90° Tenon Adapter for 2 3/8" O.D. Tenor MA1018-XX=2 @ 180° Tenon Adapter for 2 3/8" O.D. Tenor MA1018-XX=2 @ 180° Tenon Adapter for 2 3/8" O.D. Tenor MA1018-XX=3 @ 120° Tenon Adapter for 2 3/8" O.D. Tenor
Lamp Type S=High Pressure Sodium R=Super Metal Halide M=Metal Halide P=Pulse Start Metal Halide	3F=Type III Formed 3S=Type III Formed 4F=Type IV Formed 4S=Type IV Segmented 5F=Type V Formed 5S=Type V Segmented SL=Spill Light Eliminator		[Also Strikes at Cold Start] [®] H=Plug-in Starter Receptacle HL=Hi/Low Dimming [®] L=Lamp Included MS=External Mast Arm Adapter P=Button Type Photocontrol [120, 208, 240 or 277V] ⁶	MA1045-XX=4 @ 90° Tenon Adapter for 2 3/8" O.D. Ten MA1048-XX=2 @ 90° Tenon Adapter for 2 3/8" O.D. Ten MA1049-XX=3 @ 90° Tenon Adapter for 2 3/8" O.D. Ten MA1213-XX=External House-side Shield Kit [EPA=0.38] 7
Ballast Type C=CWI H=Reac./HPF K=10KV CWA N=Hi. Reac./NPF P=Hi. Reac./HPF R=Reac./NPF W=CWA	AF=Automotive Front Row Vertical Lamp 3V=Type III Vertical ⁵ 4V=Type IV Vertical ⁵ AR=Area Round ⁵ AS=Area Square ⁵		Q=Quartz Restrike [Hot Restrike Only] ⁸ R=Removable Power Tray U=U.L. Listed V=Polycarbonate Vandal Shield WM=Wall Bracket with 8" Arm	

NOTES: 1 8" arm and round pole adapter included with fixture. 2 Standard with mogul-base socket for HPS and 100-400W MH. Standard with medium-base socket for 70W MH. 3 320/350W Pulse Start Metal Halide lamp only. 4 Requires reduced envelope lamp. 5 Vertical lamp optics ship standard with deep door. Flat glass not available for 250W—400W. 6 Must specify voltage. 7 House-side shield not available on 55, 5F, AS, AR and SL optics. 8 Quartz options not available with SL and AF optics. 9 Requires vertical lamp orientation. Provides 24V low voltage leads used in dimming controls. 10 Specifications and dimensions subject to change without notice.



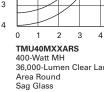
PHOTOMETRICS [Complete IES files available at www.cooperlighting.com]



Type III Vertical Sag Glass



36,000-Lumen Clear Lamp Type V Segmented Flat Glass



MOUNTING CONFIGURATIONS

Wall Mount

Arm Mount Single E.P.A. TMU Recessed Door 1.22 Deep Door





E.P.A. τΜυ Recessed Door 2.44 Deep Door 2.90



2.90

Arm Mount 2 @ 90°

Arm Mount 3 @ 120° E.P.A. TMU Recessed Door 3.23 Deep Door 3.92

Arm Mount 3 @ 90° E.P.A. тмυ Recessed Door 3.23 Deep Door

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Arm Mount 4 @ 90° E.P.A. тмυ Recessed Door 3.63 Deep Door 4.43





